

 ~~Claims~~

1. Tumor-associated antigen CAMEL which is encoded by the ORF-1 of LAGE-1 cDNA and has the amino acid sequence set forth in
5 SEQ ID NO: 2.
2. The tumor-associated antigen of claim 1 for use in cancer therapy.
3. Immunogenic (poly)peptide derived from the tumor-associated antigen of claim 1.
4. An immunogenic peptide of claim 3, characterized in that it has the
10 amino acid sequence Met Leu Met Ala Gln Glu Ala Leu Ala Phe Leu (SEQ ID NO: 11).
5. An immunogenic peptide of claim 3, characterized in that it has the amino acid sequence Leu Met Ala Gln Glu Ala Leu Ala Phe Leu (SEQ ID NO: 12).
- 15 6. An immunogenic peptide of claim 3, characterized in that it has the amino acid sequence Phe Leu Met Ala Gln Gly Ala Met Leu (SEQ ID NO: 24).
7. An immunogenic peptide of claim 3, characterized in that it has the amino acid sequence Ala Met Leu Ala Ala Gln Glu Arg Arg Val
20 (SEQ ID NO: 25).
8. An immunogenic peptide of claim 3, characterized in that it has the amino acid sequence Met Leu Ala Ala Gln Glu Arg Arg Val (SEQ ID NO: 26).
9. An immunogenic peptide of any one of claims 3 to 8 for use in cancer
25 immunotherapy.
10. Pharmaceutical composition containing the tumor-associated antigen CAMEL of claim 1.

11. Pharmaceutical composition containing an immunogenic peptide of any one of claims 3 to 8.
12. Isolated DNA molecule comprising the sequence set forth in SEQ ID NO: 1. *AA*
- 5 13. Recombinant DNA molecule comprising the DNA molecule of claim 12.
14. A DNA molecule of claim 12 or 13 for use in cancer immunotherapy.
- appt*